

ABSTRACT

5 In an electrical double-layer capacitor having a pair
of polarizable electrodes, a separator between the
polarizable electrodes and a liquid electrolyte, the
polarizable electrodes contain as a main component an
activated carbon having micropores with a pore radius
distribution peak as determined by the MP method within a
10 range of 4.0×10^{-10} to 8.0×10^{-10} m, and the liquid electrolyte
includes an electrolyte salt which is an ionic liquid. Such
electrical double-layer capacitors have excellent
low-temperature characteristics and a high electrostatic
capacitance.